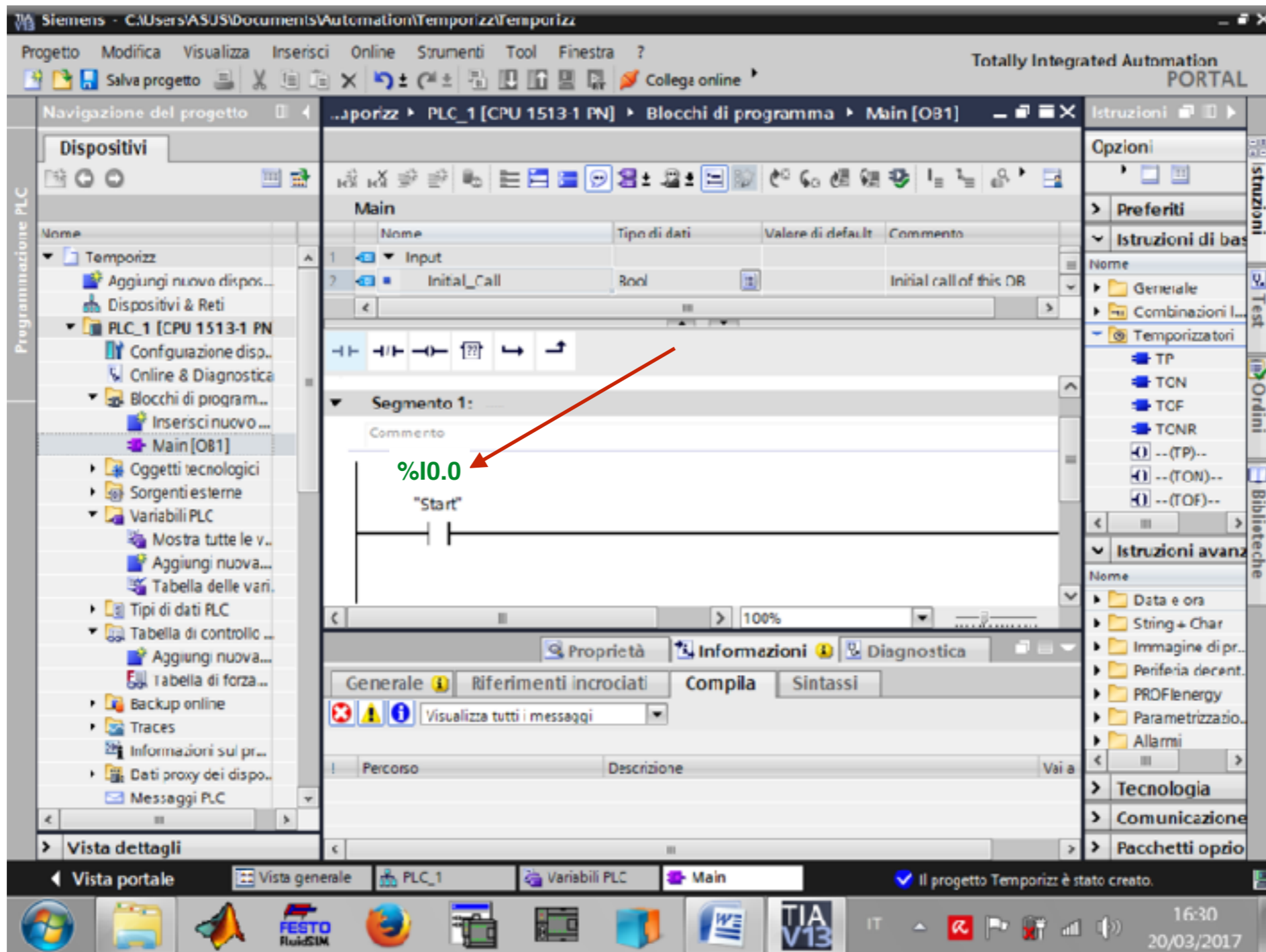
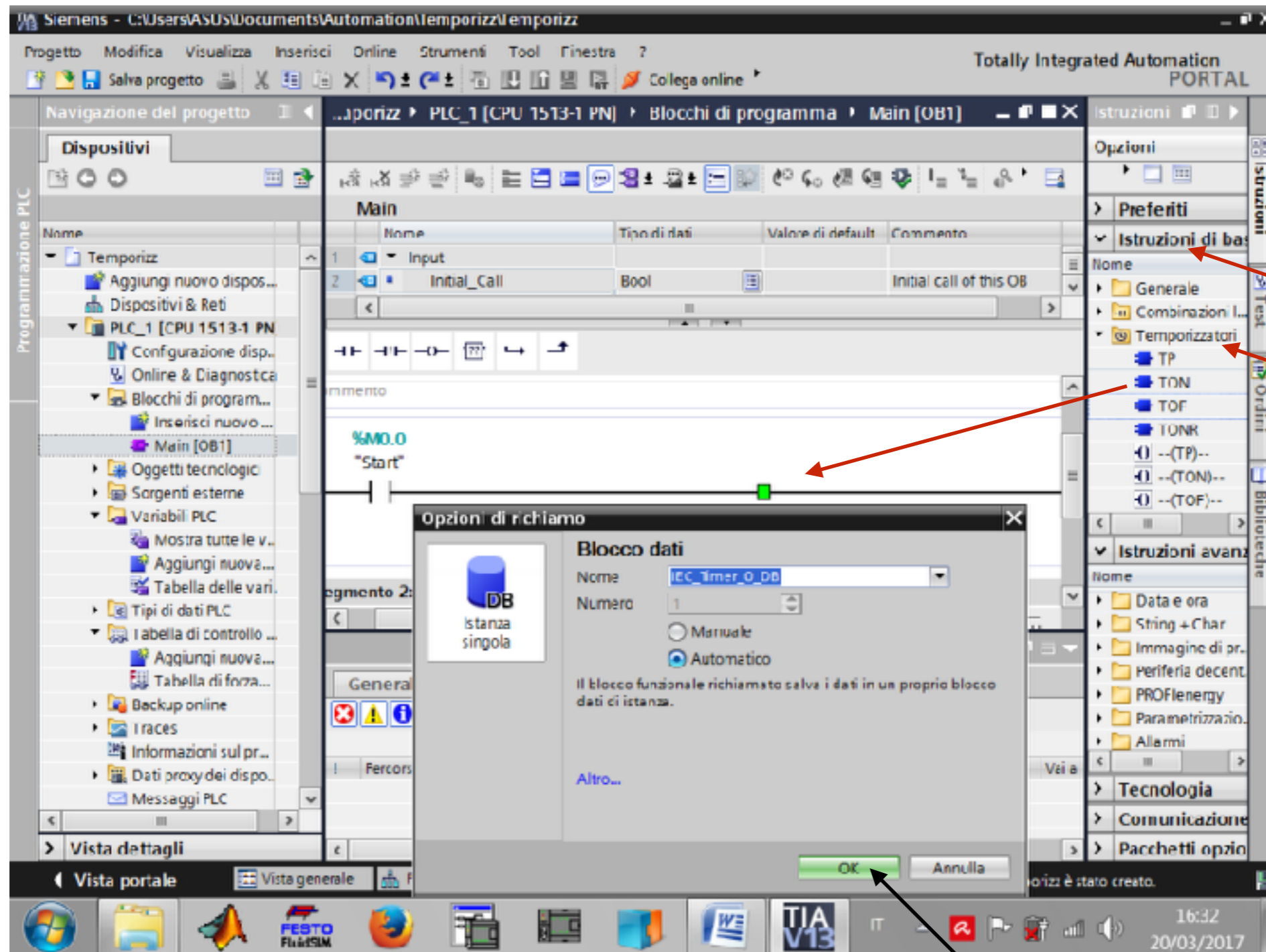


INSERIRE I TIMER CON TIA-PORTAL

Innanzitutto si trascina l'ingresso IN di Start indirizzato con **I0.0**



Si ***trascina*** poi da **Istruzioni di base - Temporizzatori** un tipo di temporizzatore. Nel nostro esempio il **TON**



Si apre la finestra **Blocco Dati** e si da l' **OK**

Dopo l'OK si apre la finestra con il temporizzatore e si inserisce su **PT** il valore in secondi di conteggio

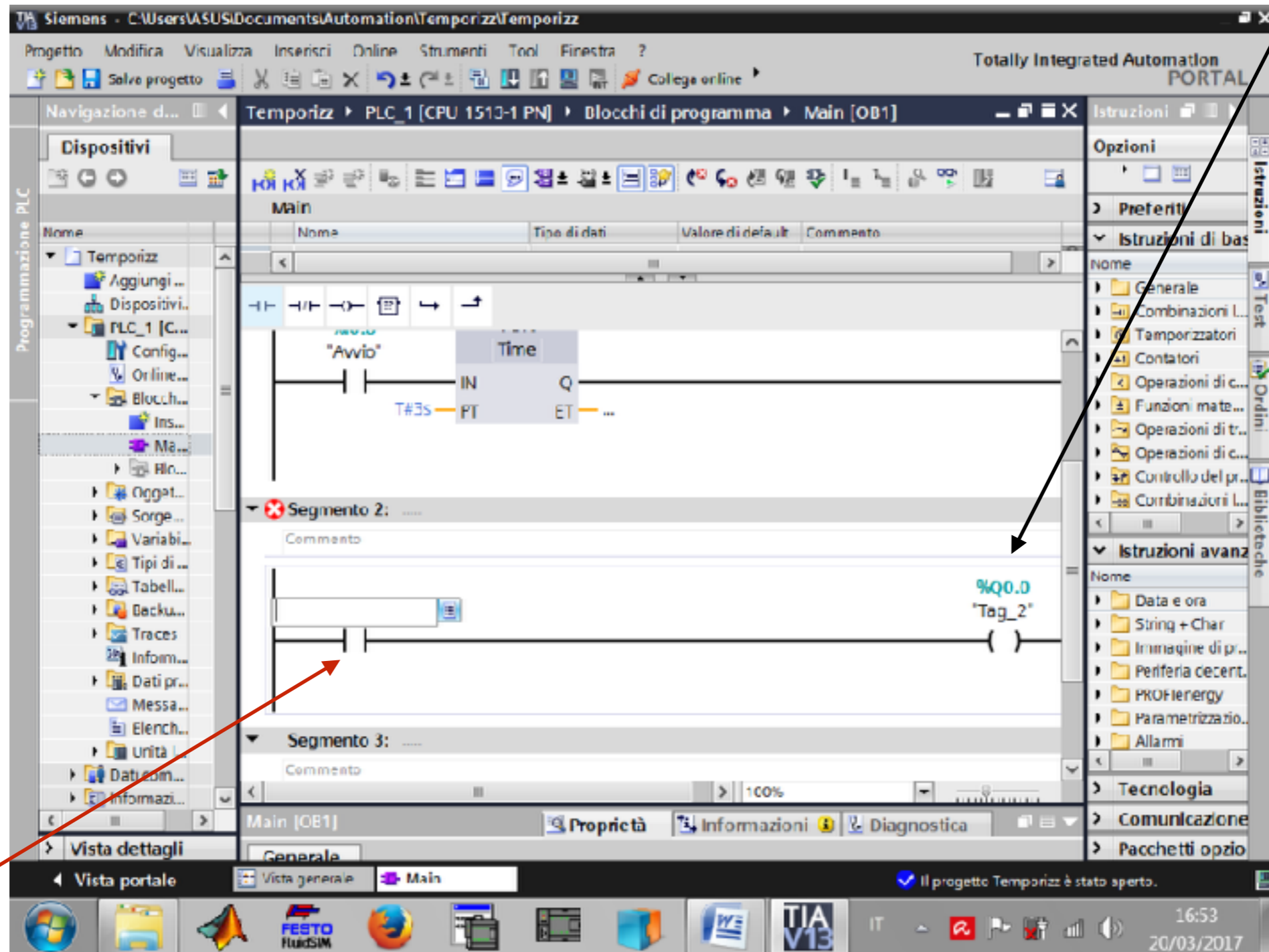
The image displays two screenshots of the Siemens TIA Portal software interface, illustrating the configuration of a timer (TON) in a ladder logic program.

Left Screenshot: Shows the main ladder logic editor. A timer block labeled "TON time" is connected to an input coil labeled "%M0.0 'Start'". The PT (Preset Time) field is currently empty, indicated by a red arrow pointing to it.

Right Screenshot: Shows the same ladder logic editor, but the PT field is now populated with the value "TV3s", indicating a 3-second delay time. A black arrow points to the "TV3s" value in the PT field.

The interface includes a project navigation tree on the left, a main editor area, and a right-hand pane with various options and instructions. The status bar at the bottom indicates "Il progetto Temporizz è stato creato." (The project Temporizz has been created.)

A questo punto si inserisce, in un nuovo segmento, il contatto di uscita del Timer e l'uscita che si vuole attivare a fine conteggio dopo averla nominata (nel nostro esempio **Q0.0**)



Si inserisce il nome del Blocco Dati e si cliccherà su **Q**

The image displays two screenshots of the Siemens TIA Portal software interface, illustrating the process of configuring a data block in a PLC program.

Left Screenshot: Shows the 'Main' ladder logic network. A normally open contact labeled 'Avvio' is connected to the 'IN' input of a 'Time' timer block. The 'PT' (preset time) is set to 'T#3s'. The 'Q' output is connected to a coil. Below the network, the 'Segmento 2' table lists the data block configuration:

Nome	Tipologia	Valore di default
"Avvio"	Bool	%I0.0
"IEC_Timer_0_DB"	Blocco dati ...	DB1
#Init_Call	Bool	Inizial...
#Remanence	Bool	= I ru...
"Tag_2"	Bool	%Q0.0

Right Screenshot: Shows the same 'Main' ladder logic network, but with the 'IEC_Timer_0_DB' data block selected in the 'Dispositivi' (Devices) tree on the left. The 'Segmento 2' table is expanded to show the configuration for the selected data block:

Nome	Tipologia	Valore di default	Commento
"IEC_Timer_0_DB"	Blocco dati ...	DB1	
IN	Bool		
Q	Bool		

Red arrows in both screenshots point to the 'IEC_Timer_0_DB' entry in the 'Dispositivi' tree and the corresponding entry in the 'Segmento 2' table, indicating the selection of the data block.

Dopo aver cliccato su **Q** il procedimento è terminato.

The image displays two screenshots of the Siemens TIA Portal software interface, illustrating the configuration of a timer's output bit.

The left screenshot shows a ladder logic diagram for a timer. The timer block is labeled "TON Time" and has an input "IN" and an output "Q". The output field is currently empty. A red arrow points from the "Q" field to the right screenshot.

The right screenshot shows the same ladder logic diagram, but the output field is now populated with "%Q0.0". A black arrow points from the "%Q0.0" output field to the text below.

il bit del temporizzatore andrà a **1** a fine conteggio e attiverà l'uscita **Q0.0**